AZAROV, Ivan Vasil'yevich, kand.tekhn.nauk, prepodavatel'; SOKOLOVA, Vera Alekseyevna, prepodavatel'; OSIPOV, M.I., red.; BYKOVA, Zh.A., red.; DORŌDNOVA, L.A., tekhn.red.

[Equipment of special workshops for the training of mahogany cabinetmakers] Oborudovanie uchebnykh kabinetov po spetsial noi tekhnologii dlia podgotovki stoliarov-krasnoderevtsev. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 43 p. (MIRA 14:1)

1. Khmdozhestvennoye remeslennoye uchilishche No.17 g. Rigi (for Azerov, Sokolova).
(Cabinetwork--Study and teaching) (Woodworking machinery)

SOKOLOVA, V.A.; KRYAZHEVA, V.A.; NITISHINSKAYA, A.I.

New method of delustring acetate silk. Khim.volok. no.3:37-39
'62.

1. Serpukhovskiy zavod.

(Rayon)

KOVEL'MAN, G.A.; SOKOLOVA, V.A.

Heat flow and radiation drying kiln with an output of 600 cups per hour. Trudy GIKI no.1:3-17 '60. (MIRA 16:1) (Kilns) (Pottery)

SOKOLOVA, V. A.; KOSTROV, Yu. A.

Economic profitableness of a speeded-up development of the production of acetate cellulose fibers. Khim. volok. no.6: 28-30 '62. (MIRA 16:1)

1. Serpukhovskiy filial Vsesoyuznogo nauchno-issledovatel¹-skogo instituta iskusstvennogo volokna.

(Cellulose acetates)
(Textile fibers, Synthetic)

SOKOLOVA, V.A.

Positions of minor planets from photographic observations at the Cape Observatory. Izv.GAO 23 no.1:179-183 '62.

Comparison of the precision of positions of minor planets obtained at different observatories. Ibid.:187-191 (MIRA 16:12)

SOKOLOVA, V.A.

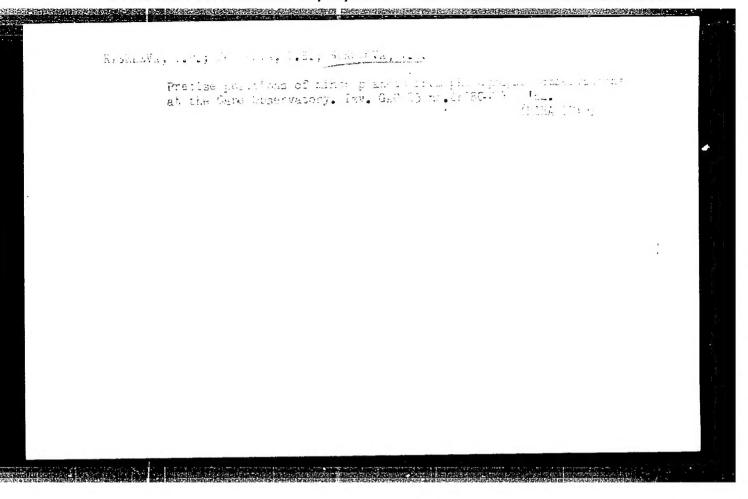
Wooded-steppe vegetation in the southwestern part of Ryazan Province. Nauch. dokl. vys. shkoly; biol. nauki no.4:127-131 (MIRA 16:11)

1. Rekomendovana kafedroy geobotaniki Moskovskogo gosudarstvennogo universiteta im. Lomonosova.

SOKOLOVA, V.A.

Steppe flora of the southern part of Ryazan Frovince. Biul. MOIP. (MIRA 17:4)

otd. biol. 69 no.1:131-134 Ja.F '04.



POTAPOVA, O.I.; SOKOLOVA, V.A.

Lake Tikshozero and Lake Engozero as commerical fishing sites.

Trudy Kar.fil.All SSSR no.13:3-72 '58. (MIRA 13:5)

(Tikshozero, Lake---Pisheries)

(Engozero, Lake---Fisheries)

SOKOLOVA, V.A.; FILIMONOVA, Z.I.

Food supply in some small lakes of southern Karelia. Trudy Kar.
fil. AN SSSR no.33:49-62 '62. (MIRA 16:2)

(Karelia—Fishes—Food)

Gastropoda as fish food in Karelia. Trudy Kar. fil. AN SSSR no.33:63-66 62. (MIRA 16:2) (Karelia-Gastropoda) (Karelia-Fishes-Food)

POLYANSKIY, Yu.1., otv. red.; GORDEYEV, O.N., red.; KUDERSKIY, L.A., red.; LUTTA, A.S., red.; SOKOLOVA, V.A., red.

[Fauna of the lakes of Karelia; invertebrates] Fauna ozer Karelii; bespozvonochnye. Moskva, Nauka, 1965. 323 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Karel'skiy filial, Petrozavodsk. Institut biologii.

BEREZINSKIY, A.R., prof., doktor tekhn.nauk; SOKOLOVA, V.F., mladshiy nauchn.sotrudnik; ALIPOV, V.V., mladshiy nauchn.sotrudnik: Prinimali uchastiye: CHERNIKEVICH, L.A., inzh.; SHEVYAKOV, M.N.; THSEPKE, V.F., inzh., GRISHIN, M.M., prof., doktor tekhn. nauk, retsenzent; STANKEVICH, V.I., inzh., red.; BORSHCHEVSKAYA, N.M., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

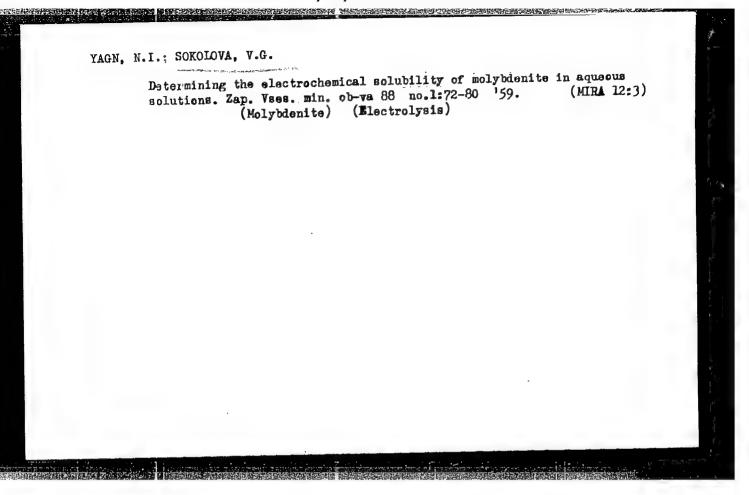
[Using precast reinforced concrete in hydraulic engineering structures] Primenenie sbornogo zhelezobetona v gidrotekhni-cheskikh sooruzheniiakh. Pod red. A.R.Berezinskogo. Leningrad. Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialem, 1959. 430 p. (MIRA 12:8)

1. Giprovodkhoz (for Chernikevich). 2. Gidroproyekt (for Shevyakov).

(Hydraulic engineering)
(Precast concrete construction)

KOZLOV, A.I.; SOKCLOVA, V.G.

Economics and prospects for the production of liquid and solid carbonic acid by the hydrolysis plants. Sbor.trud. NIIGS 11: 148-156 '63. (MIRA 16:12)



KOVALEV, V.F.; KOZLOV, A.V.; KOVALICHUK, A.I.; SOKOLOVA, V.G.

Hydrochemical methods of prospecting for copper pyrite deposits in the Southern Urals. Geokhimia no.7:596-603 '61. (MIRA 14:6)

l. Ural Branch of the Academy of Sciences, U.S.S.R., Institut of Mining and Geology, Sverdlovsk.

(Ural Mountains—Pyrites) (Gepchemical prospecting)

(Water, Underground)

KOVALEV, V.F.; KOVAL'CHUK, A.I.; KOZLOV, A.V.; SOKOLOVA, V.G.

Formation of the chemical composition of natural waters in the region of the Elyava pyritic copper deposit. Trudy Inst.geol. UFAN SSSR no.62.

Gidrogeol.sbor. no.2:33-69 '62. (MTRA 16'5)

(Elyava region-Water, Underground-Analysis)

(Elyava region-Chalcopyrite)

KOVALEV, V.F.; KOVALICHUK, A.I.; KOZLOV, A.V.; SOKOLOVA, V.G.

Hydrochemical characteristics of natural waters in the greenstone belt of the Southern Urals and problems of the formation of hydrochemical halos of dispersion in pyritic copper deposits. Trudy Inst.geol. UFAN SSSR no.62. Gidrogeol. sbor. no.2:3-22 163. (MIRA 16.5)

(Ural Mountains-Water, Underground-Analysis) (Ural Mountains-Chalcopyrite) (Geochemical prospecting)

YAGN, N.I.; SOKOLOVA, V.G.

Anodic dissolution of chalcopyrite in aqueous solutions. Zap. Vses.
min. ob-va 91 no.1:30-37 '62. (MIRA 15:3)

(Chalcopyrite) (Electrochemistry)

YUFA, Ye.Ya.: SOKOLOVA, V.G.

Physical development of children under one year of age in Lvov. Pediatria 37 no.6:25-29 Je 159. (MIRA 12:9)

l. Iz detskoy konsul'tatsii (zav. Ye.Ya.Yufa) 4-go meditsinskogo ob"yedineniya g.L'vova (glavnyy vrach T.Ye.Lifanov).

(GROWTH, in inf. & child,

Russian standards (Rus))

YUFA, Ye.Ya.; SOKOLOVA, V.G.; IZRAYLEVICH, M.A.

Preventive treatment for rheumatic relapses in children. Vop. revm. 1 no.4:49-52 O-D '61. (MIRA 16:3)

1. Iz detskoy konsul'tatsii (zav. Ye.Ya. Yufa) 4-y gorodskoy L'vovskoy bol'nitsy (glavnyy vrach F.G. Suziy) i detskoy konsul'tatsii (zav. M.A. Izraylevich) 7-y gorodskoy polikliniki L'vova (glavnyy vrach V.G. Isayeva).

(RHEUMATIC FEVER)

YAGN, N.I.; BUMAZHNOV, F.T.; SQKOLOVA, V.J.

Effect of some oxidizing agents on the indications of metaloxide electrodes; elements of the arsenic subgroup. Zap.

IGI 42 no.3:35-40 '63. (MIRA 17:10)

- 1. ASHBEL!, S.I.; KRAKOVSKIY, A.V.; SOKOLOVA, V.G.
- 2. USSR (600)
- 4. Aerosols
- 7. Apparatus for aerosol penicillin therapy, Prof. S.I. Ashbel', Eng. A.V. Krakovskiy, V.G. Sokolova, Terap.arkh. 25 no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

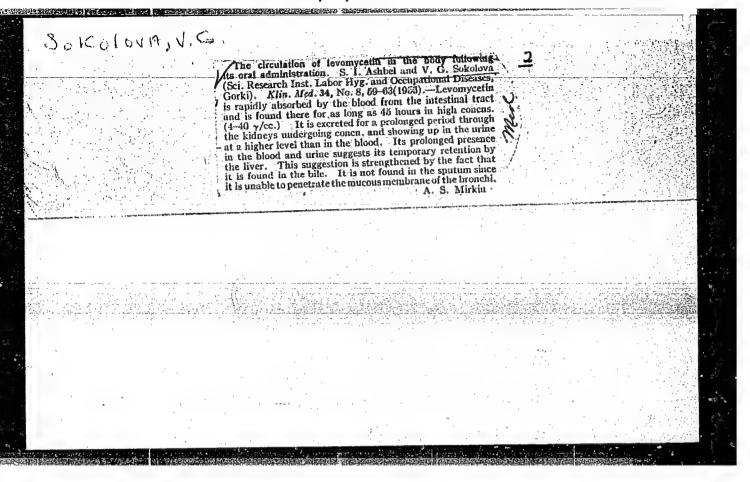
MR. 177 , J. J., A.W. I., N. T. and R.E. PLAYS, L. S.

Clin. Dept. Les. Inst. of Hyg., of Labour and industr. Dis., Min. of Hith, USSR. *Experiences in the treatment of viral influenza and inchempproph laxis of this disease under working conditions (Russian text) SOVETSK. MED. 1954, 3 (22-23)

Acrimum is applied as an aerosol with or without pencillin for prophylactic purposes as will as for treatment making the early period of disease. The experiments which have been performed having an epidemic of viral influenza in the spring of 1952 on numberous groups of patients proved to be very encouraging. It is therfore necessary—at least from the standpoint of national economy to save labour—hours, — to apply aerosols for prophylactical and therapeutical purposes. Even treatment beginning only in the later period of isease is useful, as it prevents complicit ins and shortens the course of disease. Further studies and expansion of the teratment by aerosols in the course of viral influenza are necessary.

Jettmar - Graz

SO: Experita Medica, Vol. 1 No. 2 Section XVII, February 1955.



USSE/Pharmacology, Toxicology. Chemotherapertical Preparations

V-7

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23441

Author

: Ashbel S.I., Sokolova V.G.

Inst

: Not Given

Title

: About Chlorotetracycline Absorption, Circulation and Excre-

tion From the Organism.

Orig Pub: Antibiotiki, 1957, 2, No 1, 40-45

Abstract: The study was made on 127 men. It was found that chlorotetracyclin (I), orally administered in a 0.25 g dose, was rapidly absorbed and excreted by the kidneys; a bacteriostatic cone centration of I (0.03-3.84 Y/ml) was maintained in the blood for 18-22 hours. I was excreted in the urine up to 73 hours in concentrations which exceeded considerably the blood concentration of the antibiotic for the same period. Apparently, the kidneys had the ability to concentrate I. By the stomach wall I was excreted ur to 37 hours, and in the bile up to 15-16 hours in 0.22-1.2 /ml concentrations.

Card

: 1/1

Hor king Sei Res Ind Labor Nygerin + Occupational Diseases

ASHBEL!, S.I., professor; AZOVSKAYA, I.I.; SOKOLOVA, V.G.

Levomycetin therapy for chronic pulmonary suppurations in pneumosclerosis. Vrach.delo no.8:871-873 Ag '57. (MLRA 10:8)

1. Klinicheskiy otdel (zav. - prof. S.I.Ashbel') Gor'kovskogo nauchnoissledovatel'skogo instituta gigiyeny truda i professional'nykh zabolevaniy

(CHLOROMYCETIN) (LUNGS--DISEASES)

ASHBEL', S.I., professor; SOKOLOVA, V.G.; KHARITONOV, V.V.

Effectiveness of biomycin treatment in chronic suppurative diseases of the lungs. Klin.med. 35 no.5:28-32 My '57. (MLRA 10:8)

1. Iz klinicheskogo otdela (zav. - prof. S.I.Ashbel') Gor'kovskogo nauchno-issledovatel'skogo instituta gigiyeny truda i profzabolevaniy (dir. - kandidat meditsinskikh nauk O.M.Gavruseyko) (LUNG DISKASES, ther.

biomycin in chronic suppurative dis.)
(ANTIBIOTICS, ther. use
biomycin, in chronic suppurative dis. of lungs)

ASHBEL!, S.I., SOKOLOVA, V.G., SMIRNOVA, V.K.,

Changes in the sensitivity of soutum microflora and the development of moniliasis in antibiotic therapy of suppurative lung diseases. [with summary in English]. Antibiotiki, 3 no.3:109-112 My-Je '58 (MIRA 11:7)

1. Gor'kovskiy gosudarstvennyy nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh bolezney.

(SPUTUM, microbiology, antibiotic sensitivity in ther. of pulm. suppurative

dis. (Rus))
(MONILIASIS, etiology and pathogenesis.

antibiotic ther. of suppurative pulm. dis (Rus))

(LUNG DISEASE, therapy,

suppurative, antibiotics causing moniliasis & changes of sputum bact. sensitivity(Rus))

ASHBEL', S. I., prof.; SOKOLOVA, V.G.; AZOVSKAYA, I.I.

Treatment of chronic lung suppurations with oxytetracycline (terramycin).

Sov. med. 22 no.12:32-38 D '58. (MIRA 12:1)

1. Iz klinicheskogo otdela (zav. - prof. S. I. Ashbel') Gor'kovskogo nauchno-issledovatel'skogo instituta gigiyeny truda i professional'nykh bolezney (dir. - kand. med. nauk O. M. Glavruseyko).

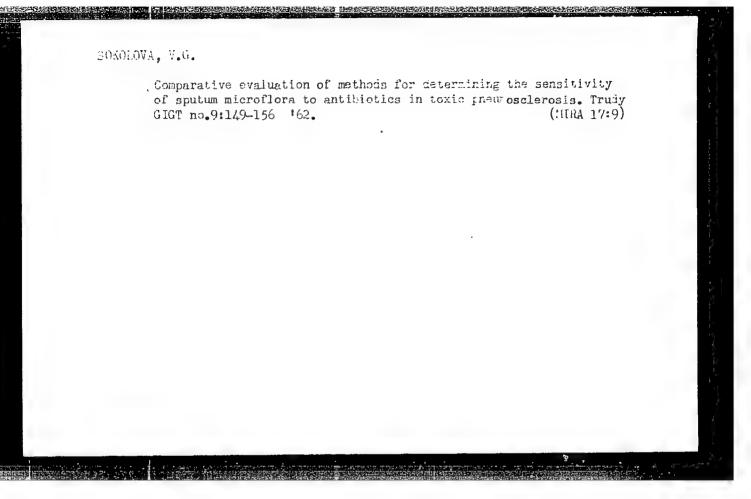
(LUNG DISEASES, ther. oxytetracycline in chronic suppurations (Rus))

(OXYTETRACYCLINE, ther. use chronic lung suppurations (Rus))

ASHBEL', S.I., prof.; SOKOLOVA, V.G.; Prinimala uchastiye: MIRKEYEVA, V.K.

Nystatin treatment of candidosis. Kaz. med. zhur. no.4:63-67 J1-Ag (MIRA 15:2)

1. Klinicheskiy otdel (zav. - prof. S.I.Ashbel') Gor'kovskogo nauchno-issledovatel'skogo instituta gigiyeny truda i profzabolevaniy. (FUNGICIDIN) (ANAPHYLAXIS) (MONILIASIS)



KOVALEV, V.F.; KOZLOV, A.V.; SOKOLOVA, V.G. Some data on the hydrochemical prospecting characteristics of natural waters in the Tagil-Kushva region. Trudy Inst. geol. UFAN SSSR no.69. Gidrogeol. sbor. no.3:3-21 '64.

(MIRA 17:11)

ASHBEL!, S.I., prof.; POKROVSKAYA, E.A.; SOKOLOVA, V.G., kand.biol.nauk; VASIL!KOVA, Z.Ye., kand.med.nauk

Effectiveness of oletetrin treatment of infectious inflammatory diseases of respiratory organs and intestines. Sov.med. 28 no.12:91-95 D '65. (MIRA 18:12)

l. Klinicheskiy otdel (zav. - prof. S.I.Ashbel!) Gor'kovskogo nacchno-issledovatel'skogo instituta gigiyeny truda i professio-nal'nykh zabolevaniy i kafedra detskikh infektsiy (zav. - dotsent N.N.Fayerman) Gor'kovskogo meditsinskogo instituta.

SOKOBOVA, V.1.

Decondary paratyphoid infection in sheep, Veterinarita 34
no.7:52-54 J1 157. (MLRA 10:8)

1. Decondary paratyphoid infection in sheep, Veterinarita 34
no.7:52-54 J1 157. (MLRA 10:8)

1. Decondary paratyphoid infection in sheep, Veterinarita 34
(MLRA 10:8)

(Shooter-Discases and posts)

(Farathyphoid fever)

SOKOLOVA, V. I., (Veterinary Surgion, Drogobychskaya Interraion Veterinary Bacteriological Laboratory)

"Sensitivity of local strains of <u>Salmonella Pullorum</u> to antibiotics." Veterinariya, Vol 39, no. 1, Jan 1962. pp 80

SOKOLOVA, V.I., veterinarnyy vrach

Sensitivity of local strains of Salmonella pullorum to antibiotics. Veterinariia 39 no.1:80-81 Ja '62. (MIRA 15:2)

1. Drogobychskaya mezhrayonnaya veterinarno-bakteriologicheskaya laboratoriya.

(Antibiotics)
(Salmonella pullcrum)

SIADRCTTIV.V. F.D.; GER D Ya, V.1., vaterinarnyy vracus

Treatment of pullerum diseases in chicks using chinesel.

Vetorinaria 19 no.4:49 Ap 162. (MIRA 17:10)

1. Ziveduyushoniy Drogobychskoy mezhrayonnoy vaterinarno-bakteriologicheskoy laboratoriyoy (for Sladkoshtiyev).

SLADKOSHTIEV, N. M. (Chief of the Drogobych Interraion Veterinary Bacteriological Laboratory) and SOKOLOVA, V. I. (Veterinary Surgeon).

"Treatment of chicken pullorum disease with quinosol [potassium oxyquinoline sulfate]

Veterinariya, vol. 39, no. 4, April 1962 p. 49

Server (v.) - USSR/Chemistry - Ammonium nitrate

FD-1793

Card 1/1

Pub 50-2/19

Author

: Prof Turchin, F. V., Dr Tech Sci; Sokolova, V. I.

Title

: The effect of additives on the quality of ammonium nitrate

Periodical: Khim. prom., No 2, 68-72 (4-8), Mar 1955

Abstract

: On the basis of the tests described, conclude that phosphorite flour or apati flour decomposed with nitric acid is a very effective additive to ammonium nitrate that reduces caking and increases the friability of this salt. Ad-

dition of dolomite proved less effective. Nine tables.

Institution: Scientific Institute of Fertilizers and Insectofungicides imeni Prof Ya. V.

Samoylov

AUTHORS:

Goryunova, N. A., Fedorova, N. N.

SOV/57-58-8-9/37

Sokolova, V. I.

TITLE:

On Indium Phosphide With Stoichiometrical and Non-Stoichiometrical Composition (O fosfide indiya stekhio-

metricheskogo i nestekhiometricheskogo sostavov)

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1958, Nr 8, pp. 1672 - 1675

(USSR)

ABSTRACT:

This is an attempt to determine the width of the homogeneous zone in InP, at least in first approximation, by determining the lattice constants of indium phosphide, when an excess of one or the other component is introduced into the indium phosphide. Moreover, it was intended to obtain reliable data on the identity period of indium phosphide which was produced from pure substances. The indium used in the synthesis contained only negligible traces of copper, according to data from spectral analysis. The phosphorus which was purified by repeated washing with hydrochloric acid contained copper, aluminum, iron, magnesium, and silicon in quantities of a few

thousands of a percent. Bismuth, antimony, lead, tin, zirc,

Card 1/3

On Indium Phosphide With Stoichiometrical and Non- SOV/57-58-8-9/37 Stoichiometrical Composition

and arsenic could not be observed. According to data from spectral analysis all samples were produced by an immediate combined melting of the components. The procedure in the production of indium phosphide samples with an excess of indium or of phosphorus is described. The stoichiometrical InP was produced by two methods, which are described in short. The samples with an indium excess all exhibited a picture typical of two-phase substances. The samples with a phosphorus excess also yielded the picture of a two-phase substance. The phosphorus veins and the inclusions had a red color. No indications of a second phase were found in the polished sections of stoichiometrical indium phosphide samples. In the X-ray analysis a simple and a refined powder method were applied. The refined X-ray diagram was taken with a Cu K_{α} -radiation according to two methods. The evidence presented shows that the identity period of indium phosphide is equal to 5,8693 % and that it does not vary within a range of \pm 0,0006 %, if an excess of the one or the other component is introduced. There is every indication that the width of the homogeneous zone

Card 2/3

On Indium Phosphide With Stoichiometrical and Non-Stoichiometrical Composition

57-58-8-9/37

in indium phosphide is very narrow. Professor D. N. Nasledov and Professor B. F. Ormont discussed the results of the work with the authors. There are 2 figures, 1 table, and 19

references, 4 of which are Soviet.

ASSOCIATION: Leningradskiy fiziko-tekhnicheskiy institut AN SSSR

(Leningrad Physical and Technical Institute, AS USSR) Nauchno-issledovatel'skiy akkumulyatornyy institut (Scientific Research Institute of Accumulators)

SUBMITTED: October 26, 1957

Card 3/3

S/U81/62/000/U07/004/033 B156/B101

AUTHORS:

Goryunova, N. A., Sokolova, V. I.

TITLE:

Complex phosphides

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 7, 1962, 57, abstract 7B384 (Izv. Mold. fil. AN SSSR, no. 3 (69),

1960, 31-35)

TEXT: Experiments carried out to study the interaction between InP and various semiconducting compounds are described. [Abstracter's note: Complete translation.]

Card 1/1

S/081/62/000/007/005/033 B156/B101

AUTHORS:

Goryunova, N. A., Sokolova, V. I.

TITLE:

Solid solutions in the InP-GaP system

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 7, 1962, 57, abstract 7B385 (Izv. Mold. fil. AN SSSR, no. 3 (69), 1960, 97-98)

TEXT: On the basis of an investigation into three specimens of the InP-GaP section, it is concluded that a number of solid solutions exist in this system. [Abstracter's note: Complete translation.]

Card 1/1

TURCHIN, F.V., prof.; SOKOLOVA, V.I.

Using ammonium bicarbonate as fertilizer. Zemledelie 23 no.12: (MIRA 15:1)

1. Nauchnyy institut po udobreniyam i insektofungisidam.
(Ammonia as fertilizer)

82563

5.2610

s/080/60/033/06/04/006

AUTHORS:

Goryunova, N. A., Kradinova, L. V., Sokolova, V. I., Sokolova, Ye.V.

TITLE:

A Method of Obtaining High-Purity Arsenic A

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol. 33, No. 6, pp. 1409-1410

TEXT: Gallium arsenide GaAs is a semiconductor material with a rectifying effect and photoconductivity. Arsenic is usually accompanied by antimony and bismuth which have similar physical and chemical properties, so that their separation from arsenic is difficult. Arsenic trioxide was taken as initial material, therefore, because it does not contain bismuth and only small quantities of Sb, Cu, Al, Ca, Fe, Si and Mn. The purification was carried out in two stages: purification of arsenic trioxide; reduction of the trioxide to arsenic metal. The trioxide was purified by recrystallization from a hydrochloric solution. After complete dissolution of As₂O₃ the hot solution was filtered and then kept for 20-24 hours in a cold place. The crystals formed were reduced by activated coal in a quartz ampoule. The arsenic metal was distilled in a 10⁻³ mm Hg vacuum. At 300°C the fraction containing As₂O₃ and at 450°C pure arsenic was distilled. On the base of arsenic produced by the method proposed, GaAs can be obtained with a concentration of charge carriers

Card 1/2

82563

A Method of Obtaining High-Purity Arsenic

s/080/60/033/06/04/006

 $n \approx 10^{16}$ cm⁻³. Further treatment by zone melting and extraction of single crystals produces a material suitable for the application as semiconductor. There is 1 table and 7 references: 2 Soviet, 3 German, 1 English and 1 French.

ASSOCIATION: Leningradskiy fiziko-tekhnicheskiy institut AN SSSR (Leningrad

Physico-Technical Institute of AS USSR)

SUBMITTED:

June 25, 1958

February 4, 1960 (after revision)

Card 2/2

KOLESNIKOVA, T.A.: FYGENSON, A.S.; VOROBIYEVA, S.V.: SOKOLOVA, V.I.

Separating isocompounds from pentane-amylene fractions of petroleum
-siming. Tiudy Eash NiINP no.5:187.200 782. (MIRL 17:10)

GORYUNOVA, N.A.; SOKOLOVA, V.I.; TSZYAN BIN-SI [Chiang Ping-hsi]

Dissolution of germanium in some ternary semiconducting compounds. Dokl. AN SSSR 152 no.2:363-366 S '63.

(MIRA 16:11)

1. Fiziko-tekhnicheskiy institut im. A.F. Ioffe AN SSSR. Predstavleno akademikom B.P. Konstantinovym.

\$/0065/64/000/005/0017/0022

AUTHOR: Masagutov, R. M.; Berg, G. A.; Varfolomeyev, D. F.; Selivanov ACCESSION NRI T. I.; Bugay, Ye. A.; Mukhametov, N. N.; Kulinich, G. H.; Sokolova,

Development of a process for high-purity cyclohexans V

SOURCE, Khimiya'i tekhnologiya topliv i masel, no. 5, 1964, 17-22 TITLE

TOPIC TAGS: cyclohexane, benzene, benzene hydrogenation, catalyst, nickel on kieselguhr, benzene purification, thiophene, sulfur come

ABSTRACT: An industrial process for cyclohexane has been developed on the basis of preliminary pilot tests. Cyclohexane of adequate purity was produced by the one-step hydrogenation of benzene (cyclohexane content, < 0.4%; thiophene content, < 0.00001%) on technical-grade, nickel on kieselguhr catalyst under the following conditions: pressure 10 kg/cm² gage: space velocity of benzene feed. 0.5-0.6 hr.; pressure to kg/cm- gage; space verderty or benzene reed, 0.3-0.6 hr maximum reactor temperature, 120-150C; hydrogen/benzene ratio, 3000

1/3 Card

for two Orig. ar	years. The cy t. has: 3 fig	been in operationaking polyethyle	enc.		
. ASSOCIAT : SUBMITTE	ION: BashNIINP; D: 00	DATE AGQ	1 05Jun64	ENGL: 00	
SUB CODE	; GC	NO REP S	ov: 014	OTHER: 006	
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SOKOLOVA, V.I.; ZIZIN, V.G.; SHKLOVSKIY, Ya.A.

Chromatographic analysis of hydrogen-containing mixtures.

Khim. i tekh. topl. i masel 9 no.1:60-62 Ja '64.

(MIRA 17:3)

1. Bashkirskiy nauchno-issledovatel skiy institut po pererabotke nefti.

ZIZIN, V.G.; IVANOVA, T.S.; SCKOLOVA, V.I.

Chromatographic determination of the hydrocarbon composition of aromatic compounds. Khim i tekh. topl. i masel 9 no.3: 66-67 Mr. 64 (MIRA 17:7)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabot-ke nefti.

EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) L 55978-65 UR/0080/65/038/004/0771/0778 ACCESSION NR: AF5011813 537.311.33 AUTHOR: Goryunova, N. A.; Sokolova, V. I.; Chien, Ping-hsi TITLE: Synthesis and certain properties of the compound ZnGeAs2 SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 4, 1965, 771-778 zinc compound, germanium compound, arsenic compound, crystal formation TOPIC TAGS: ABSTRACT: Vertical directional crystallization was used for a continuous chemical reaction which produced (for the first time) the single-phase compound ZnGeAs2 containing volatile components. The compound conforms to the pattern for formation of tetrahedral phases. X-ray diffraction and microstructural analysis show that ZnGeAs2 is a single phase compound. Thermal analysis showed that this compound dissociates when melted. Thermal analysis and zone recrystallization revealed that a temperature maximum on the ZnAs2-Ge pseudobinary section corresponds to ZnGeAs2. Hence, the latter is a congruently melting compound which dissociates in the liquid phase, but not in the solid phase. Physical measurements were made on samples having a charge carrier concentration of 3.5·10¹⁸ cm⁻³. The value of the forbidden

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ap width ΔE in ZnGeAs ₂ is integral, which are isoelectronic and the conductivity of the	ermediate between analogs of the come samples were made	the correspondi pound ZnGeAs2. e by I. K. Polu	"Measurements of shina." Orig. art.	The state of the s
as: 4 figures and 2 tables.				A STATE OF THE STA
ASSOCIATION: none		•	, , , , , , , , , , , , , , , , , , ,	
SUBMITTED: 03Apr63	ENCL: 00		SUB CODE: IC, MM	
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SOKOLOVA, V.I.; KAKOVSKIY, I.A.

Simultaneous action of amines and fatty acids in the flotation of titanium-bearing minerals. Izv. vys. ucheb. zav.; tsvet. met. 3 no.4: 23-27 '60. (MIRA 13:9)

1. Uraliskiy politekhnicheskiy institut. Kafedra metallurgii blagorodnykh metallov.

(Flotation-Equipment and supplies) (Amines)
(Fatty acids)

18.7520

32611 S/137/61/000/011/067/123 A060/A101

AUTHORS:

Goryunova, N.A., Sokolova, V.I.

TITLE:

Solid solutions in the InP-GaP system

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 11, 1961, 23, abstract 11Zh156 ("Izv. Mold. fil. AN SSSR", 1960, No 3(69), 97 - 98)

TEXT: An investigation was made of three section points of the InP-GaP system: 3InP·GaP, InP·GaP, InP·3GaP. Materials with about 99.99% purity were used to prepare the alloys. The alloys were prepared in evacuated quartz ampoules with vibration stirred heating in a Silit resistor furnace up to 1200°C (3InP·GaP), 1300° (InP·GaP), 1400°C (InP·3GaP) with subsequent rapid cooling. The investigation was carried out by the methods of microscopic and roentgenographic analysis and by measuring the microhardness. It was shown that in the InP-GaP system there exists a continuous series of solid solutions, which are difficult to obtain in the equilibrium state. There are 6 references.

Z. Rogachevskaya

[Abstracter's note: Complete translation]

Card 1/1

KAKOVSKIY, I...; SOKOLOVA, V.I.

Collectors on the basis of sulfoesterified commercial fatty acids. Izv. vys. ucheb. zav.; tsvet. met.4no.5:50-58 '61.

(MIRA 14:10)

1. Ural'skiy politokhnicheskiy institut, kafedra metallurgii blagorodnykh metallov.

(Flotation—Equipment and supplies)

MADAGETCE, R.M.: DEBININA, G.G.; BERG. C.A.; SORCLOVA, V.I.

Effect of various factors on the stability of the quality of

Effect of various factors on the stability of the quality of nickel catalysts on Kiezelguhr. Nefteper. i neftekhim. no.5: 24-27 '65. (MIRA 18:7)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti, Ufa.

L 12299-63 EPF(c)/EWT(m)/BDS Pr-L RM/WW 5/081/63/000/005/056/075

AUTHOR: Kolesnikova, T., Eygenson, A. S., Vorob'yeva, S. V. and Sokolova,

V. I.

TITLE: Separation of iso compounds from pentane amylene fractions of

oil refining

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 504, abstract 5P192 (Tr.

Bashkirsk. n.-i. in-t. po pererabotke nefti, 1962, no. 5, 189 - 200)

TEXT: A method for extracting isoamylenes and isopentane from oil refining products is developed. Iso-compounds are separated from C₅ fractions by polymerization in the presence of phosphoric acid on diatomaceous earth, with subsequent depolymerization on lead alumo-silicate catalyst. The raw material for polymerization was the fraction produced at 20-40.5° C. The optimum conditions for polymerization from the viwpoint of yield were: temp. 120-130° C, pressure 30 atm., speed 0.8. The polymers forming mainly due to iso- and n-amylenes, undergo depolymerization. For this 120-175° C fraction of polymer is taken. From the obtained depolymerized product the desired 20-40° C fraction is separated by fractionation (isopentane-iso-amylene), intended as the raw material for special cracking plant (SK). In the technological scheme of this process

Card 1/2

L 12299-63 Separation of sio compounds from

S/081/63/000/005/056/075

the pentane-amylene fraction, isolated at petroleum processing plants by means of deep stabilization of gasolines with subsequent fractionation of the light stabilization head at gas fractionating plants or by means of supplementary stabilization of destructively processed gasolines on secondary distillation plants are passed on to the polymerization plants with phosphoric acid. The 20-40° C fraction is directed from accurate fractionation to extract isopentane, while the 120-175° C fraction is directed for catalytic cracking (with an alumosilicate catalyst). From the depolymerized product the desired isopentane-isoamylene fraction (20-40° C) is separated, intended for SK plant, the fraction 120-175° C is recirculated for depolymerization. The intermediate fractions 40-120° C may be used as components of automobile gasoline. The overall yield of the isocompounds in relation to the raw material is 73%. The article contains a 32 item bibliography. I. Berlin.

[Abstractor's note: Complete translation]

Card 2/2

SOLOLOVA, V. I., BRAUN, A. D., and NEMCHINSKAYA, V. L. (USSR)

"Release of Proteins Amino Acids and Carnosine from Resting and Excited Skeletal Muscles (read by title)."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

SOKOLOVA, V. I. -- "Prothesis of the Lower Jaw in Cases of Bone Defects and False Arthroses." Fin Health USSR. Central Institute for the Advanced Training of Physicians. Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Sciences.)

So; Knizhaya Letopis' No 3, 1956

ZIZIN, V.G.; SOKOLOVA, V.I.

Chromatographic analysis of C₁ - C₅ hydrocarbons using a complex column. Khim.i tekh.topl.i masel 7 no.9:27-29 S '62.

(MIRA 15:8)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

(Hydrccarbons) (Chromatographic analysis)

The semiconducting compound CuGe2P3. V. I. Sokolova.

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

SOKOLOVA, V.I., kand.med.nauk; GADON, S.G.

Use of elastic plastic in the construction of postoperative prostheses. Stomatologiia 41 no.5:82-85 S-0 '62.

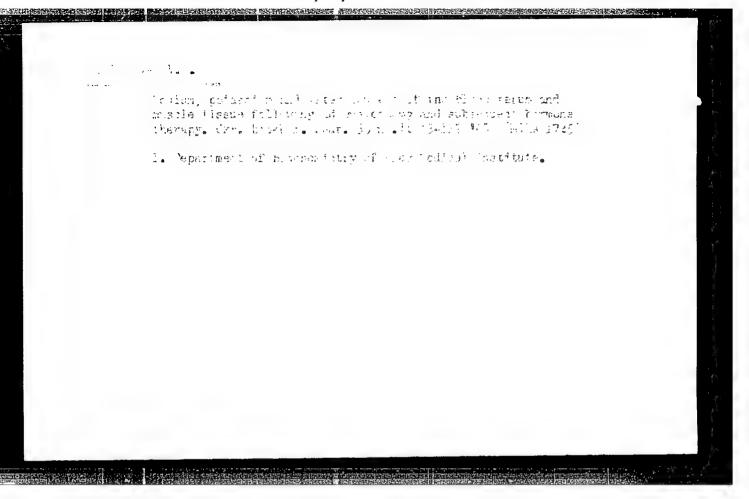
(MIRA 16:4)

1. Iz sektora proteznoy stomatologii (zav. - kand.med.nauk I.I.Revzin) TSentral'nogo instituta travmatologii i ortopedii (dir. - doktor meditsinskikh nauk M.V.Volkov). (DENTAL PROSTHESIS) (PLASTICS IN MEDICINE)

BRAUN, A.D.; SOKOLOVA, V.I.

Content of different forms of creatine in the skeletal muscles of frogs during rest and during the action of a hypertonic solution of sodium chloride. Tsitologiia 4 no.6:680-684 N-D'62 (MIRA 17:2)

1. Laboratoriya biokhimii kletki Instituta tsitologii AN SSSR, Leningrad.



ACCESSION NR: AT4043277

AUTORI: Masagutov, R. M., Berg, G. A., Varfoloayav, D. F., Salivanov, T. I.,
Burgay, Ya. A., Kulinich, G. M., Sokolova, V. I., Mukhamstov, H. M.

Title: Purification of benzene by chemisorption

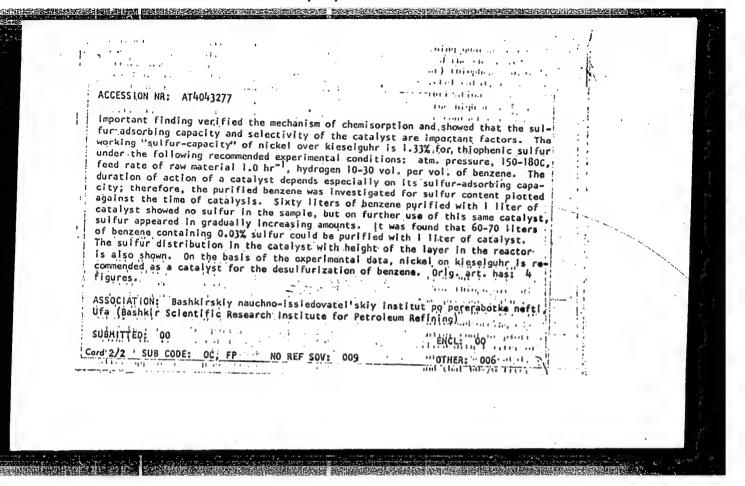
SOURCE: Ufa. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke neftl.

Trudy*, no. 7, 1964. Sernisty*ye neftl I produkty* likh pererabotki (Sour crude

Trudy*, no. 7, 1964. Sernisty*ye neftl I produkty* likh pererabotki (Sour crude

Topic TAGS: benzene, desulfurization, chemisorption, nickel kleselguhr catalyst,
thiophene, carbon disulfide, cyclohexane, purification

ABSTRACT: Since neither sulfuric acid treatment nor hydrofining guarantee complete removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the authors investigated the chemical deplate removal of sulfur from benzene, the chemical deplate from the sulfur from benzene, the sulfur from the sulfur from the sulfur from the sulfur from the sulfur



MASAGUTOV, R.M.; BERG, G.A.; VARFOLOMEYEV, D.F.; SELIVANOV, T.I.;
PUIGAY, Ye.A.; MUKHAMETOV, M.N.; KULINICH, G.M.; SOKOLOVA, V.I.;
KIRILLOV, T.S.

Hydrogenation of benzene on a nickel catalyst on kieselguhr.
Trudy BashNII NP no.7:127-133 '64. (MIRA 17:9)

ENT[1]/ENG(k)/ENT(m)/T/EMP(b) LJP(c)/ASD)a)-5/RAEM(t) L 10387-65 8/0000/64/000/000/0168/0172 ACCESSION NR: AT4044571 AUTHOR: Sokolova, V.I., Tsvetkova, Ye. V. TITLE: Some ternary compounds of the type A super I B super IV sub 2 C super aub 3 SOURCE: AN Moissr. Institut fiziki i matematiki. Issledovaniya po poluprovodnikam; novy*ye poluprovodnikovy*ye materialy* (Semiconductor research; new semiconductor materials). Kishinev, Gos. izd-vo Kartya Moldovenyaske, 1964, 168-172 TOPIC TAGS: tetrahedral phase, ternary tetrahedral phase, zinc blende, concentration triangle, imperfect phase, perfect phase, semiconductor alloy, crystal structure, germanium phosphide, ternary alloy, phosphogermanium alloy, silver germanium phosphide, copper germanium phosphide ABSTRACT: Compounds of the type AIB₂ IVC^V were obtained by the component fusion method and subjected to X-ray and microstructural analysis for phase composition control. A table showing all the possible combinations of these substances is presented. The compounds CuGe₂P₃ and AgGe₂P₃ were then investigated in detail.

CuGe₂P₃ crystallizes in a zinc blende structure with a parameter of 2=5.353. Micro-Cord 1/2 analysis revealed 3-5% of a second phase. Microhardness values were

L 10387-65

ACCESSION NR: AT4044571

2

obtained for the first phase (850 ± 20 kg/mm²), but not the second. Thermal analysis showed the presence of two transformations; at 800 and 759C. A concentration triangle for the system Cu-Ge-P is drawn showing the possibility of obtaining perfect and imperfect ternary tetrahedral phases of varying composition. AgGe₂P₃ does not crystallize in a zinc blende structure; the lattice belongs to the cubic system. The samples are solid and single phase. Microhardness = 730 ± 20 kg/mm². Thermal analysis records one transformation at 742C. CuGe₂P₃ can dissolve more germanium (30 mol, %) than any other binary or more complicated compound. X-ray photographs of alloys with a homogeneous field (CuGe₂P₃ to CuGe₅P₂) showed a structure corresponding to ZnS. The morphotropic transfer from CuGe₂P₃ to AgGe₃P₃ and from CuGe₂P₃ to AgSn₂P₃ causes the formation of substances with entirely new structures, not corresponding to zinc blendes. "In conclusion, the authors express gratitude to N.A. Goryunova for evaluation of the results and valuable advice." Orig. art. has:

ASSOCIATION: Institut fiziki i matematiki, AN Mol. SSR (Institute of Physics and

Mathematics. AN Moi. SSR)

SUBMITTED: 13Dec63

NO REF SOV: 003

ENCL: 00

OTHER: 099

Card 9/9

SUB CODE: IC, SS

EDEL'SON, I.S., inzhener; SOKOLOVA, V.L., kandidat khimicheskikh nauk.

High-speed production of casting molds. Proizv.-tekh.inform.

no.2:30-38 '51. (MIRA 10:3)

l. Nauchno-issledovatel'skiy institut liteynogo mashinostroyeniya (Foundry machinery and supplies)

SOKOLOVA, V. L.

"The Discharge of Substances by Skeletal Muscles of Warm-Blooded Animals during Alteration of Them." pp. 73

Institute of Cytology AS USSR Laboratory of Cell Biochemistry

II Nauchnaya Konferentsiya Institulogii AN SSSR. Tezisy Dokladov (Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634

"APPROVED FOR RELEASE: 08/25/2000

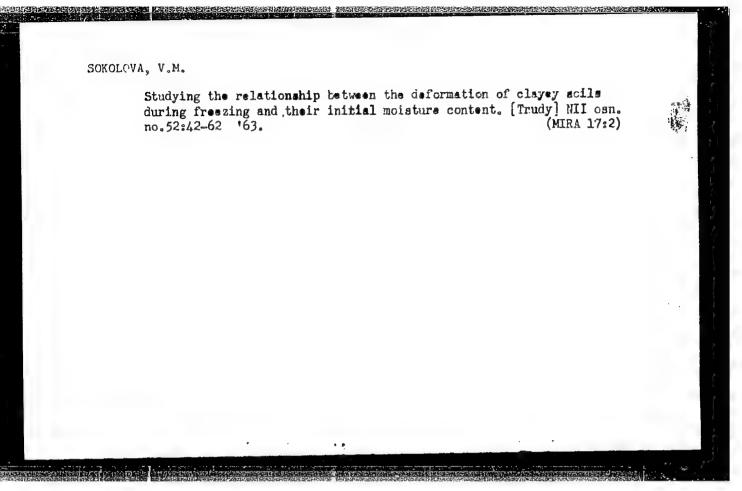
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SOKE LOVA, V. M.

SOKOLOVA, V. M. - "Karst Phenomena South of Gor'kovskaya Oblast (for Example, the South P'yansk Karst Region)." Sub 26 Apr 52, Moscow City Pedagogical Inst imeni V. P. Potemkin. (Dissertation for the Degree of Candidate in G eological and Mineralogical Sciences).

50: Veclernaya Moskva January-December 1952



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Chara of acrive entitetanic immunity in patients treated with entablewer. Trudy Knar. med. inst. me.50:307-320 163.

(Mira 19:1)

1. Kafedra epideniologii (zav. - pref. M.S.Selov'yev)

Khae'kovskogo meditsinsrogo instituta.

.USSR/Cultivated Plants - Grains.

M-2

Abs Jour

: Ref Zhur - Biol., No 7, 1958, 29713

Author

: Sokolova, V.N.

Inst Title

The Effect of the Factor of Temperature on Corn Growth and Development in the Non-Chernozem Soil Zone. (preliminary

Report).

Orig Pub

: Uch. zap. Petrozavodskogo un-ta, 1956 (1957), 7, No 3, 20-

25.

Abstract

: Summary findings are presented in this work on the preliminary variety testing of corn, ande in 1955 at the botanical park of Petrozavodsk University with 10 varieties belonging to diverse groups. The Grushvskaya and Sterling varieties proved best for their yield of ensilage. A study of the sowing times made in 1949-1950 on the Leningradka variety has shown that the appearance of shoots does not stand in direct relation to the mean daily temperature.

Card 1/2

- 37 -

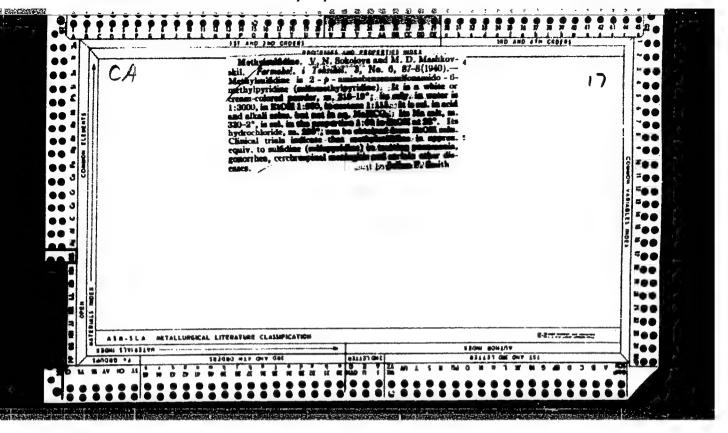
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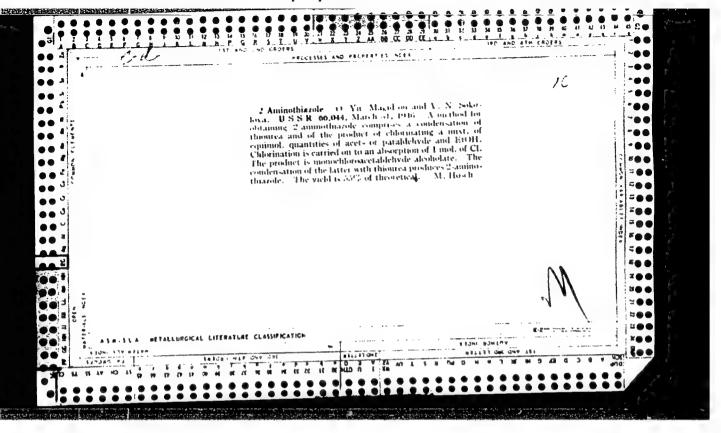
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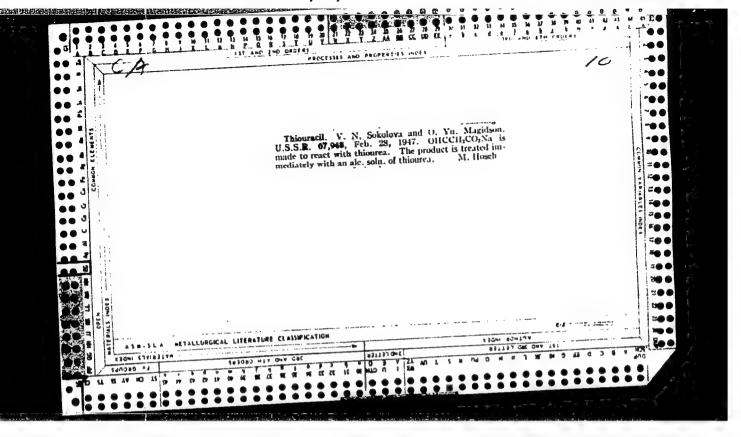
Co. of sigital computers for solving problems of automatic programming form the pattern in Jacquard weaving, lzv. vys.
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(HEA 17:.0)

1. Noshovskiy tekstilinyy institut i TSentralinyy nauchno-issledovateliskiy institut lubyanykh volokon.







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SOKOLOVA, V. N.

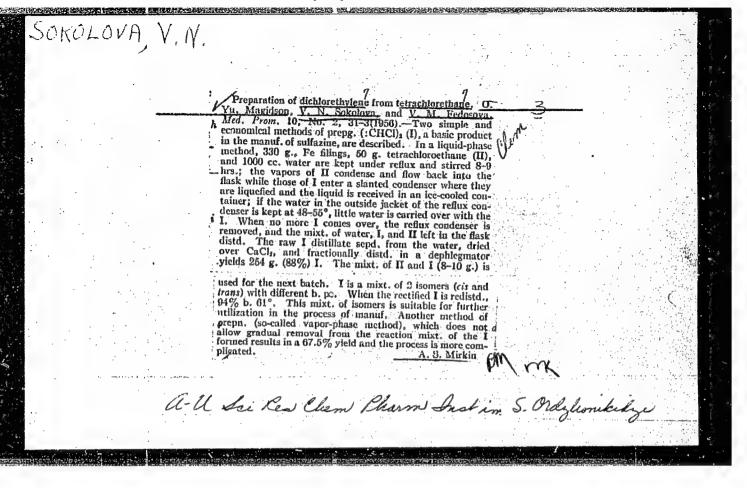
"Derivatives of 2, 4-diamino-1, 3, 5-Triazylalkylcarboxylic acids. Fart 1."

Sokolovskaia, S. V., Sokolova, V. Na, Magidson, O. IU. (p. 467)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1953, Volume 23, No.3.
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"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652120003-1



USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Referat Zhur - Khimiya, No 1, 1957, 915 Abst Journal:

> Sokolova, V. N., and Magidson, O. Yu. Author:

Institution: None

> On the Oxidizing Ability of 1,2-diphenyl-4-n-butylpyrazolidine-3,5-Title:

Original

Periodical: Zh. obshch. khimii, 1956, Vol 26, No 2, 604-607

Abstract: When n-butylmalonic ester is condensed with hydrazobenzene (I) in the

presence of C2H50Na (see UK patent 646597; Chem. Abstrs. 1950, 45, 7602), there is formed, in addition to the main product, 1,2-diphenyl-4-n-butylpyrazolidine-3,5-dione (II), a side-product, 1,2-diphenyl-4n-butyl-4-hydroxypyrazolidine-3,5-dione (III); the latter is the result of the oxidation of II and has a mp of 132-1330 (from alcohol). It has been established that the oxidation of II to III takes place only in the presence of I. The structure of III was confirmed by the

following reactions: 26.2 gms of III are stirred with 220 ml of 8%

Card 1/2

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

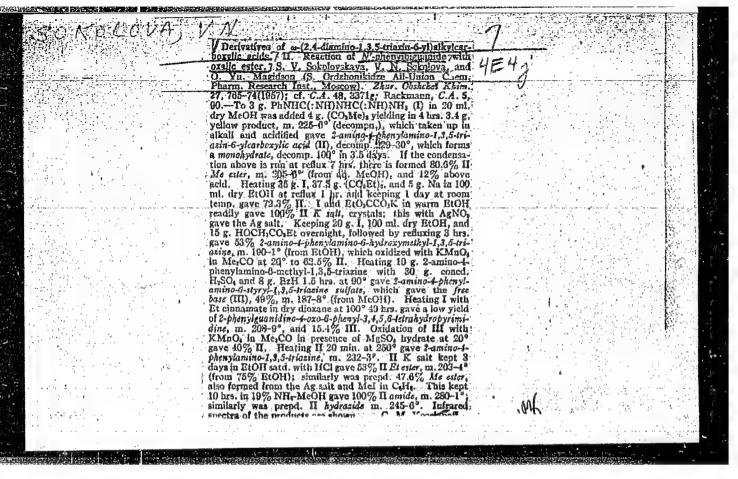
Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 915

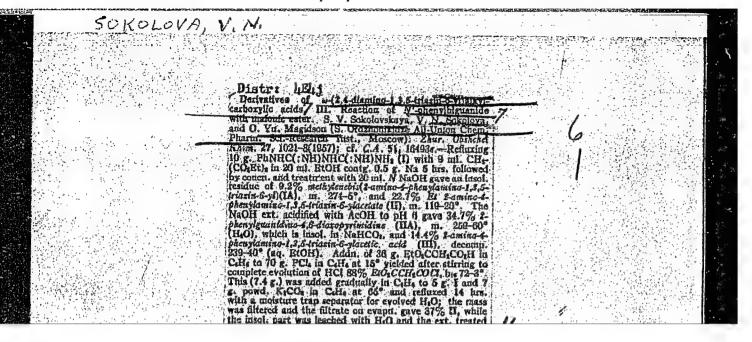
Abstract: NaOH solution, the precipitate stirred again with 250 ml of water;

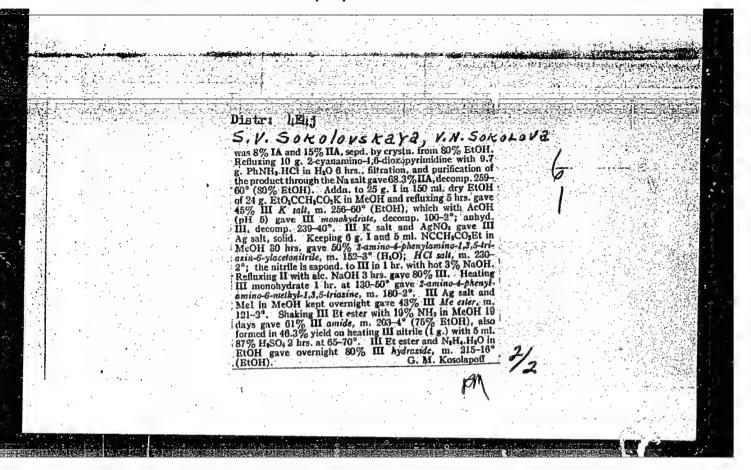
the acidification of the water solution yields 12.4 gms of mono-N,N'-diphenylhydrazine-n-butyltartronic acid (IV), mp 144-145° (from 50% alcohol, decomposes). When 9.22 gms of IV are heated (2 hours at $\sim\!100^{\circ}$) with 100 ml of 6% NaOH, n-butyltartronic acid is obtained in 80% yields, mp 126-127° (from chloroform, decomposed); decarboxylation of the latter (125-130°) yields α -hydroxycaproic acid, mp 56-60°, which on oxidation with KMnO4 gives n-valeric acid. When a stream of air is passed through an alcohol solution of II in the presence of I and C₂H₅ONa (distillation of the alcohol for 5 hours), III is formed.

Oxidation does not proceed in the absence of I.

Card 2/2







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(Acids, Fatty)

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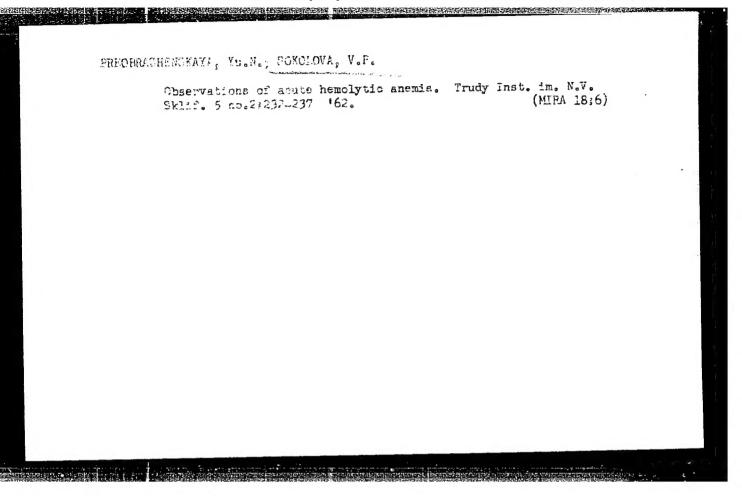
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(MYOCARDITIS, etiology and pathogenesis, drug allergy (Rus)) (ALLERGY, etiology and pathogenesis, to drugs, causing myocarditis (Hus))



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(DYSENTERY, BACILLARY, ther. vitamin C (Rus))
(VITAMIN C, ther. use dysentery bacillary (Rus))

大学的一个人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们也没有一个人的人,我们是一个人的人,我们们也不是一个人的人,他